



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applica	tion of:	·)	Examiner: Not Yet Assigned
M.F. Fontou	ıra et al.)	3
Serial No.:	10/764,772)	
Filed:	January 26, 2004)	Art Unit: Not Yet Assigned
For:	A PIPELINED ARCHITECTURE)	-
	FOR GLOBAL ANALYSIS AND)	
	INDEX BUILDING)	
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Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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In accordance with 37 CFR §§ 1.56,.1.97, and 1.98, enclosed please find Form PTO-1449 listing the attached references which might be deemed material to the examination of the above-identified application. Applicants submit that no fee is needed nor should be charged with the submittal of this Information Disclosure Statement (IDS) because this IDS is being submitted under 1.97(b) in that the IDS is being filed before the mailing date of a first Office Action on the merits or within three months of the filing date of a national application other than a continued prosecution application under 1.53(d). Applicants submit that a first Office Action has not been received in the above referenced case.

Nonetheless, should any fee be deemed necessary, please charge any insufficiency or credit any overpayment to Deposit Account No. 09-0460. A duplicate of this letter is enclosed for fee processing.

Respectfully submitted,

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Dated: April 9, 2004

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 9, 2004.

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FORM PTO-1449									Docket Number Application SVL920030120US1 10/764,772			ımber	
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EXAMINER INITIAL			DOCUM	MENT N	NUMBEI	R DATE				NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5	2	8	7	4	9	6	02-15-1994	Chen et al.				
	5	5	7	4	9	0	6	11-12-1996	Mor	rris			
	5	6	8	5	0	0	3	11-04-1997		onen et al.			
•	5	7	0	1	4	6	9	12-23-1997		ndli et al.			-
	5	7	4	5	8	9	9	04-28-1998		rows			
	5	7	4	5	9	0	4	04-28-1998		g et al.			
	5	7	4	5	9	0	6	04-28-1998	Squi				
	5	7	6	5	1	6	8	06-09-1998		rows			
	5	8	3	2	5	1	9	11-03-1998		ven et al.		 	
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	5	9	9	5	9	8	0	11-30-1999		on et al.			
	6	0	1	6	5	0	1	01-18-2000	l	tin et al.			
	6	0	2	6	4	1	3	02-15-2000		llenger et al.			
	6	0	8	8	6	9	4	04-11-2000		ns et al.			
	6	1	9	2	2	5	8	02-20-2001		nada et al.			
	6	2	0	5	4	5	1	03-20-2001		cott et al.			
	6	2	1	6	1	7	5	04-10-2001		er et al.			
	6	2	3	3	5	7	1	05-15-2001		er et al.	_		
	6	2	4	3	7	1	3	06-05-2001		son et al.	-		
-	6	2	4	3	7	1	8	06-05-2001		n et al.			
	6	2	7	8	9	9	2	08-21-2001		is et al.			
	6	3	3	6	1	1	7	01-01-2002		sarani			· · · · · · · · · · · · · · · · · · ·
	6	3	3	9	7	7	2	01-15-2002		n et al.			
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IN	INFORMATION DISCLOSURE CITATION IN AN APPLICATION Applicant M.F. Fontoura et al.													
(Use several sheets if necessary)								Filing Date January 26, 2004						
	6	5	1	9	5	9	3	02-11-2003	Mat	as et al.				
	6	5	1	9	5	9	7	02-11-2003	Cheng et al.					
	6	5	4	2	9	0_	6	04-01-2003 Korn						
	6	5	6	7	8	0	4	05-20-2003	Ramasamy et al.					
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	1	0	2	8	9	2	46	10-27-1998	JP				Abst	
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				ОТН	ER D	OCUN	1ENT	S (Including A	uthor,	Title, Date, Pertine	nt Pages, E	tc.)		
U.S. Patent Application Publication No. US-2001/0049671 dated December 6, 2001, entitled E-Stract: A Process for Knowledge-Based Retrieval of Electornic Information, by JOERG.														
U.S. Patent Application Publication No. US-2002/0032705 dated March 14, 2002, entitled Method and System for Placing an Insertion Point in an Electronic Document, by HIGASHIYAMA, et al.														
U.S. Patent Publication No. US-2002/0099723 dated July 25, 2002, entitled Apparatus and Method to Support Management of Uniform Resource Locators and/or Contents of Database Servers, by GARCIA-CHIESA.														
U.S. Patent Application Publication No. US-2002/0129014 dated September 12, 2002, entitled Systems and Methods of Retrieving Relevant Information, by KIM et al.														
U.S. Patent Application Publication No. US-2003/0046311 dated March 6, 2003, entitled <i>Dynamic Search Engine and Database</i> , by BAIDYA et al.								se, by						
U.S. Patent Application Publication No. US-2003/0163454 dated August 28, 2003, entitled Subject Specific Search Engine, by JACOBSEN et al.														
	U.S. Patent Application Publication No. US-2003/0177127 dated September 18, 2003, entitled System and Method for Distrubuting Services for Knowledge Management Processing, by GOODWIN et al.													

Docket Number Application Number FORM PTO-1449 SVL920030120US1 10/764,772 **Applicant** INFORMATION DISCLOSURE CITATION M.F. Fontoura et al. IN AN APPLICATION Filing Date **Group Art Unit** Not Yet Assigned January 26, 2004 (Use several sheets if necessary) U.S. Patent Application Publication No. US-2003/0187833 dated October 2, 2003, entitled Hypermedia Resource Search Engine and Related Indexing Method, by PLU Macurious Software Foundation. Macurious Spider Frequently Asked Questions 3.0 [online] [retrieved on 10/08/2003]. Available from http://www.macurious.com/spider/faq.htm Miscellaneous Articles from Newsgroups, Available from: (1) Newsgroups:google.public.support.general; Date: 2002-07-05 and 2002-07-06; (2) Newsgroups: comp.protocols.tcp-ip.domains; Date 2000/04/08; (3) Newsgroups: micorsoft.public.frontpage.client; Date: 1999/03/18 [3 entries] and 1999/03/19 and (4) Newsgroups:alt.internet.search-engines; Date: 2002-01-26 KAINDL. H., et al.. "Combining Structure Search and Content Search for the World-Wide Web," 1998 ACM, ISBN 0-89791-972-6-06/1998, pp. 217-224. WEINREICH, H., et al.. "The Look of the Link - Concepts for the User Inerface of Extended Hyperlinks," 2001, ACM ISBN 1-59113-420 - 07/01/2001, pp. 19-28. DIEBERGER, A. "Context Lenses - Document Visualization and Navigation Tools for Rapid Access to Detail." In Human-Computer Interaction INTERACT '01. IFIP TC. 13 International Conference on Human-Computer Interaction, 9th-13th July 2001, Tokyo, Japan, IOS Press. Title page, copyright page and article (pp. 545-552)... HARDMAN, L. "Links in Hypermedia: the Requirement for Context." 5th ACM Conference on Hypertext, '93 Proceedings, pp. 183-BAEZA-YATES, R. and B. RIBEIRO-NETO. "Modern Inforantion Retrieval." England: Pearson Education Limited, 1999, title page, copyright page, table of contents (ix-xvi), and Chapter 8 "Indexing and Searching" (pp.191-199, 222-228, 382-384) LIPYEOW, L. et al. "Dynamic Maintenance of Web Indexes Using Landmarks," 10 pages. WWW2003, May 20-24, 2003, Budapest, Hungary. ACM. Available from http://citreseer.nj.nec.com/590376.html ZOBEL, J. et al. "In-Memory Hash Tables for Accumulating Text Vocabularies," pp. 1-9. Information Processing Letters, vol. 80, no. 6, pp. 271-277, 2001. Available from http://citeseer.nj.nec.com/529586.html BROWN, E. et al. "Execution Performance Issues in Full-Text Information Retrieval." Technical Report 95-81, October 1995. Computer Science Department, Amherst, MA (Ph.D. Thesis), 179 pages. Available from http:// citeseer.nj.nec.com/brown95execution.html BROWN, E. et al. "Fast Incremental Indexing for Full-Text Information Retrieval," pp. 1-11. Proceedings of the 20th VLDB Conference, pp. 192-202, Santiago, Chile, 1994. Available from http://citeseer.nj.nec.com/brown94fast.html LU, Z. "Scalable Distributed Architectures for Information Retrieval." Amherst, MA (Ph.D. Thesis), 178 pages. Available from http:// citeseer.nj.nec.com/luscalable.html AGARWAL, R.C. "A Super Scalar Sort Algorithm for RISC Processors," pp. 240-246. Proceedings of the 1996 ACM SIGMOD International Conference on Management of Data, 1996. Available from http://citeseer.nj.nec.com/agarwal96super.html ARPACI-DUSSEAU, A.C. et al. "High Performance Sorting on Networks of Workstations," 12 pages. Proceedings of the 1996 ACM SIGMOD International Conference on Management of Data, 1997. Available from http://portal.acm.org/citation.cfm?id-253322&coll=portal&dl=ACM&CFID=13536765&CFTOKEN=64334274 CLARKE, C.L.A., et al. "Shortest Substring Ranking (MultiText Experiments for TREC-4)," pp. 1-10. Proceedings of the Fourth Text Retrieval Conference, November, 1995. Available from http://citeseer.nj.nec.com/84012.html TOMASIC, A. et al. "Performance of Inverted Indices in Shared-Nothing Distributed Text Document Information Retrieval Systems," 11 pages. Proceedings of the 2nd International Conference on Parallel and Distributed Information Systems, January, 1983url = TOMASIC, et al. "Incremental Updates of Inverted Lists for Text Document Retrieval," pp. 143. Available from http://citeseer.nj.nec.com/tomasic93incremental.html MELNIK, S. et al. "Building a Distributed Full-Text Index for the Web," 10 pages, 2001. In World Wide Web, pp. 396-406. Available

from http://citeseer.nj.nec.com/long03optimized.html

FORM PTO-1	449	Docket Number Application Number SVL920030120US1 10/764,772								
IN	FORMATION DISCLOSURE CITATION IN AN APPLICATION	Applicant M.F. Fontoura et al.								
	(Use several sheets if necessary)	Filing Date January 26, 2004	Group Art Unit Not Yet Assigned							
	LONG, X and T. SUEL. "Optimized Query Execution in Large the 29th VLDB Conference, Berlin, Germany, 2003. Available fit	Search Engines with Global Page Ordering," 12 pages. Proceedings of rom http://citeseer.nj.nec.com/long03optimized.html								
	CALLAN, J.P et al. "The INQUERY Retrieval System," 9 pages. Proceedings {DEXA}-92, 3rd International Conference on Database and Expert Systems Applications, pp. 78-83, 1992. Available from http://citeseer.nj.nec.com/26307.html									
	PEARSON, P.K. "Fast Hashing of Variable Length Text Strings," pp. 677-680. Communications of the ACM, June 1990, Vol. 33, No. 6.									
	WITTEN, I.H., et al. "Managing Gigabytes. Compressing and Indexing Documents and Images." San Francisco: Morgan Kaufmann Publishers, 1999, title page, copyright page, table of contents (v-xi) and Chapter 5 "Index Construction" (pp. 223-261).									
•	CORME, T.H., et al. "Introduction to Algorithms." Cambridge: The MIT Press, Second Edition, 2003, title page, copyright page, table of contents (v-xi) and Chapter 8 "Sorting in Linear Time" (pp. 165-177).									
	SEDGEWICK, R. "Algorithms in C++. Parts 1-4." Boston: Addison-Wesley Publishing Co., 1998. title page, copyright page, table of contents (xv-xix) and Chapter 10 "Radix Sorting" (pp. 417-433, 436-450).									
	U.S. Patent Application Serial No. 10/764,771, filed on January 26, 2004, entitled Method, System, and Program for Handling Redirects in a Search Engine, by M. F. FONTOURA, et al.									
	U.S. Patent Application Serial No.10/764,801, filed on January 26, 2004, entitled Method, System, and Program for Handling Anchor Text, by R. KRAFT, et al.									
	U.S. Patent Application Serial No.10/764,800, filed on January 26, 2004, entitled Architecture for an Indexer, by M. F. FOUTOURA, et al.									
EXAMINER	DATE CONSIDERED									
	EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.									

PTO/SB/ 08 (04-04) Apr 2004 0056.0021 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE